Sir Wobblington

Moonn Electronics

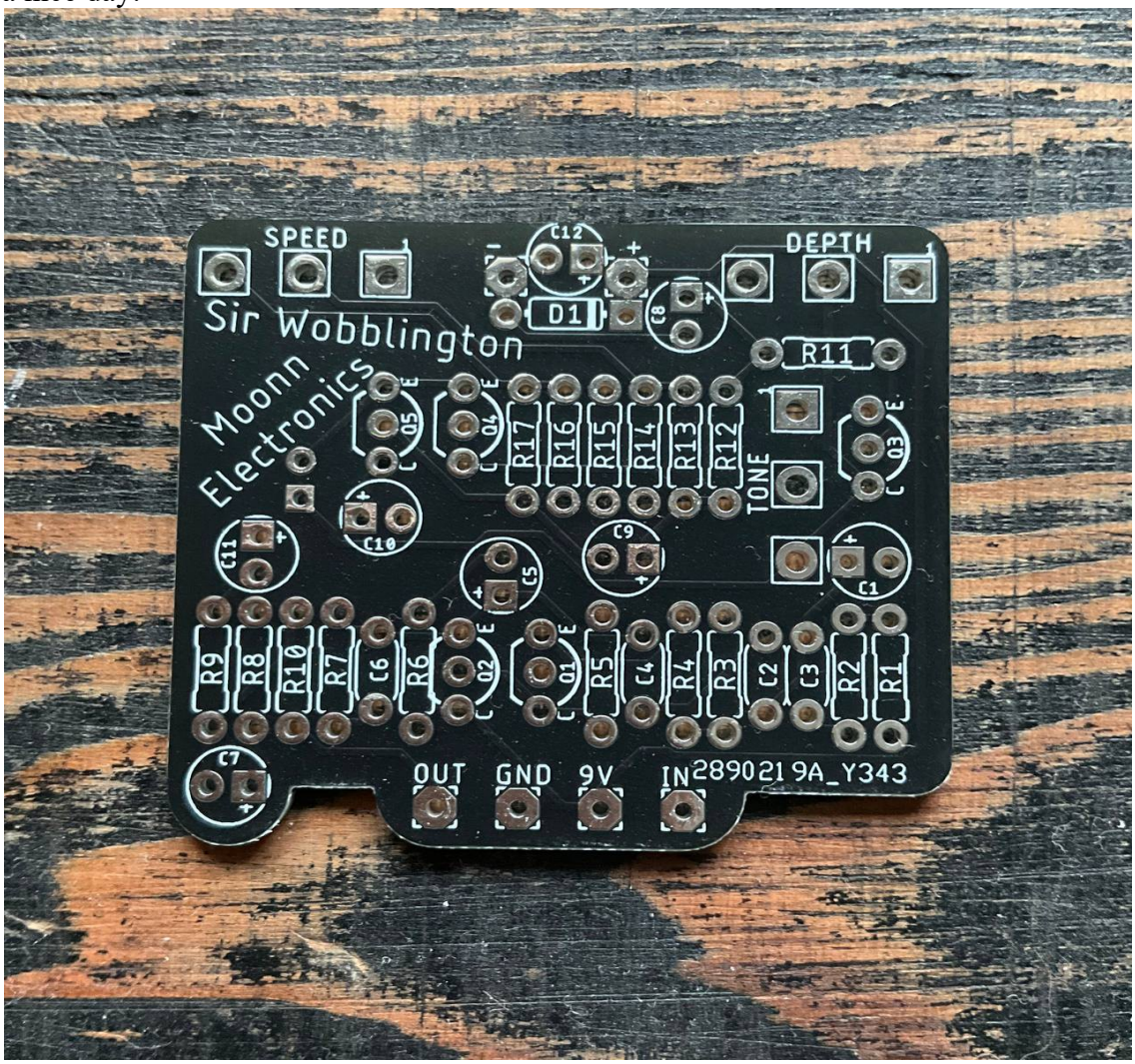
Use me to build a clone of the Park Auto Wah

Hi there!
Thank you for building me!

There were some changes done to the original schematic to have me running on a regular power supply
Thank you for the people on the internet who came up wit these mods
And shame to whoever is writing it for not searching the internet for the names of these people to thank them more properly...
There is also a footprint for a rate led
The person who designed me fucked up and it does not work tho
There is a description underneath the BOM telling you how you can still make it work tho

If you have any questions or anything else to say, just write an email to
moonnelectronics@gmail.com

Have a nice day!



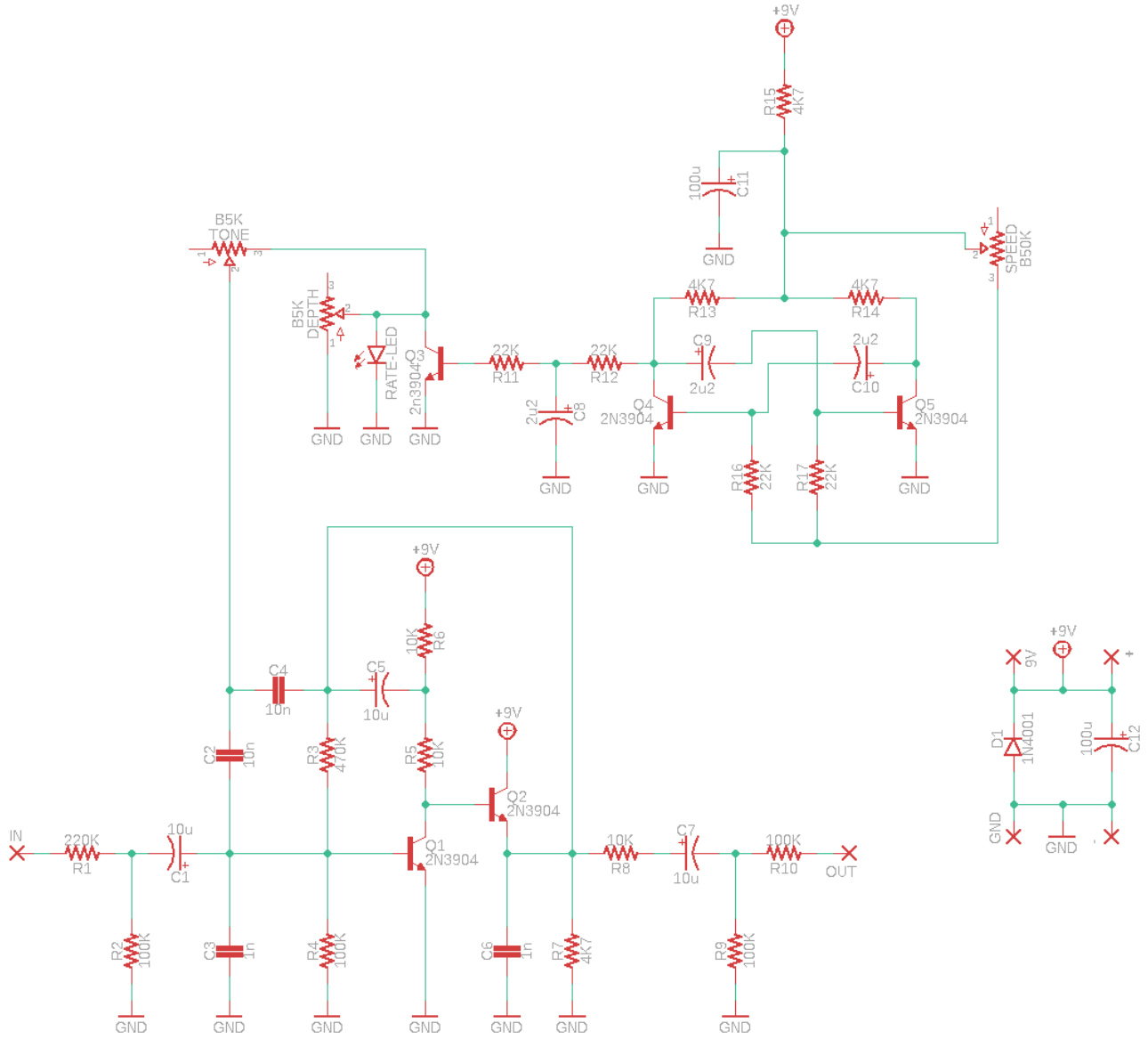
Moonn Electronics is in no way affiliated with Park (whatever that would mean)

Bill of Materials

Qty	Value	Parts
Resistors		
4	4K7	R7, R13, R14, R15
3	10K	R5, R6, R8
4	22K	R11, R12, R16, R17
4	100K	R2, R4, R9, R10
1	220K	R1
1	470K	R3
Film Capacitors		
2	1n	C3, C6
2	10n	C2, C4
Electrolytic Capacitors		
3	2u2	C8, C9, C10
3	10u	C1, C5, C7
2	100u	C11, C12
Semiconductors		
1	1N4001	D1
4	2N3904	Q1, Q2, Q3, Q4, Q5
Potentiometers		
2	B5K	DEPTH, TONE
1	B50K	SPEED

The Rate LED does not work in this version
You can cet it to work if you connect the anode to the middel pin of the speed pot and the kathode to ground (you can use the kathode of the footprint there)

Schematic


+9V
R15
4K7
100u
C11
GND
B5K
TONE
B5K
DEPTH
RATE-LED
Q3
2n3904
22K
R11
22K
R12
2u2
C8
GND
GND
GND
GND
4K7
R13
4K7
R14
C9
2u2
2u2
C10
Q4
2N3904
Q5
2N3904
R16
22K
R17
22K
GND
GND
B5K
SPEED
B50K
+9V
10K
R6
C4
10n
C5
10u
+9V
C2
10n
R3
470K
R5
10K
Q2
2N3904
IN
220K
R1
10u
C1
Q1
2N3904
10K
R8
C7
10u
100K
R10
OUT
R2
100K
C3
1n
R4
100K
C6
1n
R7
4K7
R9
100K
GND
GND
GND
GND
GND
GND
GND
+9V
9V
D1
1N4001
100u
C12
GND
GND

Offboard Wiring